

# METHOD FOR REPRESENTING THE HALFTONE OF AN IMAGE AND IMAGE TREATMENT DEVICE AND PRINTING DEVICE FOR CARRYING OUT SAID METHOD

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**Cited documents:**

 EP0602854

 US5243443

 US5375002

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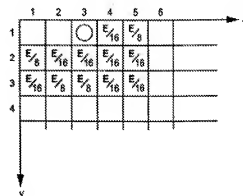
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## Abstract of WO0251125

The invention relates to a method for representing the halftone of an image. The invention is based upon a combined scanning method with a dither matrix and an error diffusion method. According to the invention, when a halftone value of an image is determined, the colour value of image points which are not arranged next to the image point whose halftone value is being determined are corrected. Several colour values in particular are corrected. According to the inventive method, errors existing when determining a halftone value are distributed over a larger area, enabling predetermined point forms to be substantially maintained by the dither matrix.



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